

AIRFLOW SHROUD FOR HDD TRACKING MICROACTUATOR

ABSTRACT OF THE DISCLOSURE

An airflow shroud for either a moving-slider-type or a moving-head-type microactuator of a disk drive reduces off-track motion of a read/write element for either a moving-slider-type microactuator or a moving-head-type microactuator. One configuration of the airflow shroud includes a frame portion and an attachment portion. The frame portion has an opening suitable for exposing an air bearing surface of a slider for a disk drive and surrounds the slider and a moving-slider-type microactuator coupled to the slider. The attachment portion is adapted for attachment to a suspension of a disk drive. Another configuration includes a plate portion and a recessed portion. The plate portion is attachable to a slider having a moving-head-type microactuator. The recessed portion corresponds to the moving-head-type microactuator of the slider.